

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,414,823 B2
APPLICATION NO. : 10/709889
DATED : August 19, 2008
INVENTOR(S) : Manabu Hashikura et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 4, lines 41 and 42, "within 500 $\square\text{m}$ and that the microroughness be 3 $\square\text{m}$ (Ra)" should read --within 500 μm and that the microroughness be 3 μm (Ra)--.

Column 7, line 41, "0.7 $\square\text{m}$ (Ra)" should read --0.7 μm (Ra)--.

Column 7, lines 43 and 44, and lines 62 and 63, as well as column 10, lines 10 and 11, "thermal expansion coefficient (\square), and thermal conductivity (\square)," each occurrence, should read --thermal expansion coefficient (a), and thermal conductivity (k)--.

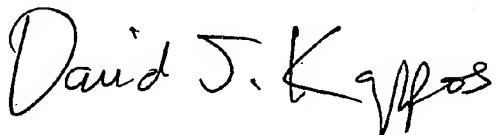
Column 8, Table II, (line 41), " $\square(\times 10^{-6}/^\circ\text{C})$ " should read -- $a(\times 10^{-6}/^\circ\text{C})$ --, and " $\square(\text{W/mK})$ " should read -- $k(\text{W/mK})$ --.

Column 10, line 7, "0.7 $\square\text{m}$ (Ra)" should read --0.7 μm (Ra)--; Table VI, (line 29), " $\square(\times 10^{-6}/^\circ\text{C})$ " should read -- $a(\times 10^{-6}/^\circ\text{C})$ --, and " $\square(\text{W/mK})$ " should read -- $k(\text{W/mK})$ --; line 43, "30 $\square\text{m}$ " should read --30 μm --.

Column 11, Table IX, (line 35), "Ra ($\square\text{m}$)" should read --Ra (μm)--; line 47 "3 $\square\text{m}$ " should read --3 μm --.

Signed and Sealed this

Eighth Day of September, 2009



David J. Kappos
Director of the United States Patent and Trademark Office